CONTENTS OF VOLUME 21

Number 1 — February 1991

	Instructions to Contributors	i
	Parasitological Calendar	1
	Parasitological Societies of the World	3
	Announcement	9
R. Petkevičiūtė and E. P. Ieshko	The karyotypes of *Triaenophorus nodulosus* and *T. crassus* (Cestoda: Pseudophyllidea)	11
C.-M. Yen and E.-R. Chen	Detection of antibodies to *Angiostrongylus cantonensis* in serum and cerebrospinal fluid of patients with eosinophilic meningitis	17
K. Koh, T. Mōri, S. Shiraishi and T. A. Uchida	Ultrastructural changes of the midgut epithelial cells in feeding and moulting nymphs of the tick *Haemaphysalis longicornis*	23
T. Garate, Z. Cabrera, D. B. Copeman, W. Harnett, D. J. McLaren, M. Patterson and R. M. E. Parkhouse	Surface antigens of male worms and microfilariae of *Onchocerca gibsoni*	37
C. A. Hopkins and J. Andreassen	Inhibition of growth of a tapeworm *Hymenolepis diminuta* in its normal host (rat)	47
T. Tappenden and G. C. Kearn	Spermiogenesis and sperm ultrastructure in the monocotylid monogenean *Calicotyle kroyeri*	57
Y. Ito	The absence of resistance in congenitally athymic nude mice toward infection with the intestinal nematode, *Trichuris muris*: resistance restored by lymphoid cell transfer	65
D. M. McKay, D. W. Halton, C. F. Johnston, I. Fairweather and C. Shaw	Cytochemical demonstration of cholinergic, serotoninergic and peptidergic nerve elements in *Gorgoderina vitelliloba* (Trematoda: Digenea)	71
J. Cable and R. C. Tinsley	The ultrastructure of photoreceptors in *Pseudodiplorchis americanus* and *Neodiplorchis scaphiopodis* (Monogenea: Polystomatidae)	81
A. Warburg and K. Ostrovska	Host–parasite relationships of *Ascogregarina chagasi* (Eugregarinorida, Aseptatorina, Lecudinidae) in *Lutzomyia longipalpis* (Diptera: Psychodidae)	91
R. O. McCracken and W. H. Stillwell	A possible biochemical mode of action for benzimidazole anthelmintics	99

Research Notes

H. SUGAYA, S. TANI, S. ISHIGOOKA, K. YOSHIMURA and K. TSUCHIYA — *Apodemus sylvaticus*, a new host for *Acanthocheilonema viteae* (Nematoda: Filarioidea) — 105

J. PIESMAN and B. F. STONE — Vector competence of the Australian paralysis tick, *Ixodes holocyclus*, for the Lyme disease spirochete *Borrelia burgdorferi* — 109

K. ROHDE — Size differences in hamuli of *Kuhnia scombri* (Monogenea: Polyopisthocotylea) from different geographical areas not due to differences in host size — 113

T. L. W. ROTHWELL and N. C. SANGSTER — Localization of protective antigens in *Trichostrongylus colubriformis* — 115

A. J. ALMEIDA, K. P. DEOBHANKAR, M. K. BHOPALE, V. ZAMAN and D. M. RENAPURKAR — Scanning electron microscopy of *Setaria cervi* adult male worms — 119

S. C. ARCHIBALD, R. W. MITCHELL, J. A. UPCROFT, P. F. L. BOREHAM and P. UPCROFT — Variation between human and animal isolates of *Giardia* as demonstrated by DNA fingerprinting — 123

R. PETKEVIČIŪTĖ and B. I. KUPERMAN — The karyotype of *Eubothrium rugosum* (Cestoda: Pseudophyllidea) — 125

A. COUATARMANACH, P. ANDRE, D. LE MINOUS, L. MARTIN, R. ROBERT and J. DEUNFF — *In vitro* culture and cloning of *Toxoplasma gondii* in a newly established cell line derived from TG180 — 129

S. J. PROWSE — Cell-mediated immunity to *Eimeria* in the fowl: the absence of cross-species protection is not due to the lack of cross-reactive T cells — 133

D. W. HOSIER, D. ROSS and B. FRIED — Effects of host age on infection of ICR mice with *Echinostoma caproni* or *E. trivolvis* — 137

Book Reviews

S. J. PARKER — *An Atlas of Protozoan Parasites in Animal Tissues*, by C. H. Gardiner, R. Fayer and J. P. Dubey — 139

J. C. WALKER — *Progress in Assessment of Morbidity due to Schistosomiasis: Reviews of Recent Literature*, by M. G. Chen and K. E. Mott — 139

Meeting Reports — 141

Corrigendum — 145

Number 2 April 1991

	Instructions to Contributors	i
	Parasitological Calendar	147
	Announcement	149
L. Rozsa	Points in Question: Flamingo lice contravene Fahrenholz	151
A. J. Lymbery and R. C. A. Thompson	Points in Question: Genetic diversity in *Echinococcus granulosus*—a reply to McManus	153
The Bancroft-Mackerras Medal of the Australian Society for Parasitology		
I. G. Wright	1990 Award: Towards a synthetic *Babesia* vaccine	155
Invited Review Article		
P. M. Schantz	Parasitic zoonoses in perspective	161
General Papers		
H. H. Shih and S. N. Chen	Immunodiagnosis of angiostrongyliasis with monoclonal antibodies recognizing a circulating antigen of mol.wt 91,000 from *Angiostrongylus cantonensis*	171
D. L. Emery, T. Bendixsen and S. J. McClure	The use of electroblotted antigens of *Trichostrongylus colubriformis* to induce proliferative responses in sensitized lymphocytes from sheep	179
G. N. Antonakopoulos, J. Turton, P. Whitfield and J. Newman	Host–parasite interface of the urinary bladder-inhabiting nematode *Trichosomoides crassicauda*: changes induced in the urothelium of infected rats	187
L. Paggi, G. Nascetti, R. Cianchi, P. Orecchia, S. Mattiucci, S. D'Amelio, B. Berland, J. Brattey, J. W. Smith and L. Bullini	Genetic evidence for three species within *Pseudoterranova decipiens* (Nematoda, Ascaridida, Ascaridoidea) in the North Atlantic and Norwegian and Barents Seas	195
S. Biswas and Y. D. Sharma	Lack of correlation between red cell invasion by merozoites and anti-heat shock protein-70 antibody levels in malaria patients' sera	213
L. R. Campbell and R. Gaugler	Mechanisms for exsheathment of entomopathogenic nematodes	219
M. Kawanaka	Identification of a putative eggshell precursor protein of the female *Schistosoma japonicum*	225
K. Furuya	An established cell line of larval *Echinococcus multilocularis*	233
A. Ito, K. Onitake, J. Sasaki and T. Takami	*Hymenolepis nana*: immunity against oncosphere challenge in mice previously given viable or non-viable oncospheres of *H. nana, H. diminuta, H. microstoma* and *Taenia taeniaeformis*	241
Research Notes		
M. C. Trivedi, B. S. Rawat and A. K. Saxena	The distribution of lice (Phthiraptera) on poultry (*Gallus domesticus*)	247

D. J. Jenkins, R. B. Gasser, T. Romig and E. Zeyhle	Antibody responses against natural *Taenia hydatigena* infection in dogs in Kenya	251
M. S. Weinstein and B. Fried	The expulsion of *Echinostoma trivolvis* and retention of *Echinostoma caproni* in the ICR mouse: pathological effects	255
Ch. Dhanumkumari, K. Hanumantha Rao and K. Shyamasundari	The life cycle of *Echinochasmus bagulai* (Trematoda: Echinostomatidae)	259
E. B. T. Steeves and J. R. Allen	Tick resistance in mast cell-deficient mice: histological studies	265
W. C. Chung, P. C. Fan, C. Y. Lin and C. C. Wu	Poor efficacy of albendazole for the treatment of human taeniasis	269
B. F. F. Chumpitazi, P. Deloron, F. Peyron, C. Boudin, S. Picot and P. Ambroise-Thomas	Relationships between clinical protection and antibodies to *Plasmodium falciparum* RESA (Ring-infected Erythrocyte Surface Antigen) peptides	271
J. Horner, W. S. Champney and R. Samuels	Characteristics of a leucine aminoacyl transfer RNA synthetase from *Tritrichomonas augusta*	275
Book Reviews		
P. D. Cooper	*Advances in Disease Vector Research*, Vol. 6. Edited by K. F. Harris	279
C. M. Rzepczyk	*Parasites, Immunity and Pathology: The Consequences of Parasitic Infection in Mammals*. Edited by J. M. Behnke	279
	Meeting Reports	281
	Corrigenda	287

Number 3 June 1991

	Instructions to Contributors	i
	Parasitological Calendar	289
Australian Society for Parasitology Presidential Address		
R. C. A. Thompson	*Echinococcus* and *Giardia*: variation on a theme	291
General Papers		
M. Tendler, R. Magalhães Pinto, A. de Oliveira Lima, W. Savino and N. Katz	Vaccination in murine schistosomiasis with adult worm-derived antigens: variables influencing protection in outbred mice	299
Kh. Khallaayoune, B. E. Stromberg, A. Dakkak and J. B. Malone	Seasonal dynamics of *Fasciola hepatica* burdens in grazing Timahdit sheep in Morocco	307

P. Tapchaisri, C. Nopparatana, W. Chaicumpa and P. Setasuban	Specific antigen of *Gnathostoma spinigerum* for immunodiagnosis of human gnathostomiasis	315
K. S. Larrick, L. H. Semprevivo, M. D. Maloney and J. P. Tritschler II	Immunity to *Heligmosomoides polygyrus* induced by subcutaneous vaccination with post-infection larvae	321
P. R. Baverstock, R. Fielke, A. M. Johnson, R. A. Bray and I. Beveridge	Conflicting phylogenetic hypotheses for the parasitic platyhelminths tested by partial sequencing of 18S ribosomal RNA	329
I. D. Whittington and S. Pichelin	Attachment of eggs by *Concinnocotyla australensis* (Monogenea: Polystomatidae) to the tooth plates of the Australian lungfish, *Neoceratodus forsteri* (Dipnoi)	341
Medical Communication		
S. P. Mao	Protozoan and helminth parasites of humans in mainland China	347
Research Notes		
C. J. Rule, M. J. E. Hanisch, C. A. Behm and F. L. Bygrave	Aberrant energy-linked reactions in mitochondria isolated from the livers of sheep infected with the liver fluke *Fasciola hepatica*	353
C. M. Shih and C. C. Chen	Haemolymph monophenol oxidase activity in *Armigeres subalbatus* infected with *Brugia pahangi*	357
W. O. Jones and D. L. Emery	Demonstration of a range of inflammatory mediators released in trichostrongylosis of sheep	361
J. Diaz, A. Osuna, M. J. Rosales, J. Cifuentes and C. Mascaró	Sucker-like structures in two strains of *Acanthamoeba*: scanning electron microscopy study	365
M. A. Haseeb and B. Fried	*Schistosoma japonicum*: changes in lipase activity in adults maintained *in vitro*	369
S. Arias-Negrete, J. C. Villagómez-Castro, F. Anaya-Velázquez and R. Lira-Ortiz	*Entamoeba histolytica*: a simplified method to quantify its cytotoxicity	373
J. Walker and J. Barrett	Studies on alanine aminotransferase in nematodes	377
D. Yabin, L. Menchu, Z. Shenxing and F. Aoqi	Hepatic coccidiosis in the goat	381
S. Al Nahhas, C. Gabrion, S. Walbaum and A. F. Petavy	*In vivo* cultivation of *Echinococcus multilocularis* protoscoleces in micropore chambers	383
Book Review		
P. Prociv	*Atlas of Human Parasitology*. By L. R. Ash and T. C. Orihel	387

Number 4 July 1991

	Instructions to Contributors	i
	Parasitological Calendar	389
K. ENIGK	Centenary Biographical Note: Wilhelm Nöller 1890–1964	391
General Papers		
I. INDRAWATI, W. CHAICUMPA, P. SETASUBAN and Y. RUANGKUNAPORN	Studies on immunodiagnosis of human paragonimiasis and specific antigen of *Paragonimus heterotremus*	395
J. T. GANNON and H. A. B. LINKE	An antibiotic-free medium for the xenic cultivation of *Entamoeba gingivalis*	403
K. ROHDE, N. A. WATSON and T. CRIBB	Ultrastructure of sperm and spermatogenesis of *Lobatostoma manteri* (Trematoda, Aspidogastrea)	409
S. AMORNPUNT, S. SARASOMBATH and S. SIRISINHA	Production and characterization of monoclonal antibodies against the excretory–secretory antigen of the liver fluke (*Opisthorchis viverrini*)	421
M. GRANZER and W. HAAS	Host-finding and host recognition of infective *Ancylostoma caninum* larvae	429
W. B. ALLEN and P. M. NOLLEN	A comparative study of the regenerative processes in a trematode, *Philophthalmus gralli*, and a planarian, *Dugesia dorotocephala*	441
P. M. WIEST, A. V. WISNEWSKI, J. H. JOHNSON, B. RAMIREZ, T. F. KRESINA and G. R. OLDS	Screening of murine monoclonal antibodies against living schistosomula of *Schistosoma mansoni* by radioimmunoassay	449
C. W. WARD and B. M. WAGLAND	Correlation between gut hypersensitivity and resistance to *Trichostrongylus colubriformis* infection of outbred and inbred lines of guinea pigs	455
Research Notes		
P. SRIVASTAVA, L. M. TRIPATHI, S. K. PURI, G. P. DUTTA and V. C. PANDEY	Effect of *Plasmodium berghei* infection and chloroquine on the hepatic drug metabolizing system of mice	463
J. REVERSAT, R. LEDUCQ, R. MARIN and F. RENAUD	A new methodology for studying parasite specificity and life cycles of trematodes	467
M. HOPE, J. BOWLES and D. P. MCMANUS	A reconsideration of the *Echinococcus granulosus* strain situation in Australia following RFLP analysis of cystic material	471
C.-T. CHAN	Modes of transmission for *Ascaris lumbricoides* and *Trichuris trichiura* among Chinese children in Macao City	477
S. C. BARKER, R. L. CLOSE and D. A. BRISCOE	Genetic divergence in *Heterodoxus octoseriatus* (Phthiraptera)	479

K. G. Field, S. M. Landfear and S. J. Giovannoni — 18S rRNA sequences of *Leishmania enriettii* promastigote and amastigote — 483

Book Review

R. P. Hobbs — *Parasitism and Host Behaviour*. Edited by C. J. Barnard and J. M. Behnke — 487

Number 5 — September 1991

Instructions to Contributors — i

Parasitological Calendar — 489

The John Frederick Adrian Sprent Prize of the Australian Society for Parasitology

K. C. Bremner — Introduction — 491

Citation for Desmond R. Hennessy — 492

D. R. Hennessy — Manipulation of benzimidazole pharmacokinetics (J. F. A. Sprent Prize Lecture, September 1987) — 493

Citation for Stephen C. Barker — 496

S. C. Barker — Evolution of host–parasite associations among species of lice and rock-wallabies: coevolution? (J. F. A. Sprent Prize Lecture, August 1990) — 497

General Papers

O. J. Pung and R. E. Kuhn — Experimental American leishmaniasis and Chagas' disease in the Brazilian squirrel monkey: effect of dual infection on antibodies to parasite antigens — 503

E. J. Wozniak and S. R. Telford, Jr — The fate of *Hepatozoon* species naturally infecting Florida black racers and watersnakes in potential mosquito and soft tick vectors, and histological evidence of pathogenicity in unnatural host species — 511

G. L. Uglem and P. W. Pappas — Mechanism of 3-0-methylglucose uptake by *Hymenolepis diminuta* — 517

R. J. Ballantyne — Life history and development of *Pneumonema tiliquae* (Nematoda: Rhabdiasidae) — 521

R. J. Ballantyne — Post-embryonic development of the reproductive system of *Pneumonema tiliquae* (Nematoda: Rhabdiasidae) — 535

R. P. Dempster, M. V. Berridge, G. B. L. Harrison and D. D. Heath — *Echinococcus granulosus*: development of an intermediate host mouse model for use in vaccination studies — 549

S. C. Barker, D. A. Briscoe, R. L. Close and P. Dallas — Genetic variation in the *Heterodoxus octoseriatus* group (Phthiraptera): a test of Price's model of parasite evolution — 555

M. KOSKIVAARA, E. T. VALTONEN and M. PROST — Dactylogyrids on the gills of roach in Central Finland: features of infection and species composition — 565

E. A. OLUOCH, N. S. MAGNUSON, T. C. MCGUIRE and A. F. BARBET — *Trypanosoma brucei*: peptide mapping of partially homologous variable surface glycoproteins — 573

M.-C. DURETTE-DESSET and J.-L. JUSTINE — A cladistic analysis of the genera in the subfamily Pudicinae (Nematoda, Trichostrongyloidea, Heligmonellidae) — 579

M. NOVAK, C. L. HALL and B. J. BLACKBURN — A nuclear magnetic resonance study of the glucose metabolism of *Hymenolepis diminuta* exposed to histamine and serotonin *in vitro* — 589

M. KØIE — Aspects of the morphology and life cycle of *Lecithocladium excisum* (Digenea, Hemiuridae), a parasite of *Scomber* spp. — 597

Research Notes

L. OSTROSKY, D. CORREA, R. FARADJI, H. GARCIA and A. FLISSER — *Taenia solium*: inhibition of spontaneous evagination of cysticerci by the host inflammatory capsule — 603

M. V. FLORES, T. S. STEWART and W. J. O'SULLIVAN — A simple method for the purification of mitochondrial DNA from *Plasmodium falciparum* — 605

G. R. BUSHELL, B. GARRONE, B. V. GOODGER, I. G. WRIGHT and B. P. DALRYMPLE — *Babesia bovis* host cell recognition proteins — 609

D. J. STENZEL and P. F. L. BOREHAM — A cyst-like stage of *Blastocystis hominis* — 613

Book Review

K. C. REED — *OIE Scientific and Technical Review*, Vol. 9, No. 3 (September 1990), *Biotechnology and Veterinary Science*. Coordinated by J. Blancou — 617

Meeting Report — 619

Number 6 — October 1991

Instructions to Contributors — i

Parasitological Calendar — 623

K. SHUPE and G. L. STEWART — Stimulated chemotactic response in neutrophils from *Trichinella pseudospiralis*-infected mice and the neutrophilotactic potential of *Trichinella* extracts — 625

D. B. ADAMS and I. G. COLDITZ — Immunity to *Haemonchus contortus* and the cellular response to helminth antigens in the mammary gland of non-lactating sheep — 631

J. WALKER and J. BARRETT	Pyridoxal 5′-phosphate dependent enzymes in the nematode *Nippostrongylus brasiliensis*	641
T. POJMAŃSKA and K. MACHAJ	Differentiation of the ultrastructure of the body wall of the sporocyst of *Leucochloridium paradoxum*	651
R. W. SUTHERST and A. S. BOURNE	Development, survival, fecundity and behaviour of *Haemaphysalis* (*Kaiseriana*) *longicornis* (Ixodidae) at two locations in southeast Queensland	661
N. GOYAL, S. GUPTA, J. C. KATIYAR and V. M. L. SRIVASTAVA	NADH oxidase and fumarate reductase of *Ancylostoma ceylanicum*	673
C. NOPPARATANA, P. SETASUBAN, W. CHAICUMPA and P. TAPCHAISRI	Purification of *Gnathostoma spinigerum* specific antigen and immunodiagnosis of human gnathostomiasis	677
N. C. SANGSTER, C. W. DAVIS and G. H. COLLINS	Effects of cholinergic drugs on longitudinal contraction in levamisole-susceptible and -resistant *Haemonchus contortus*	689
G. R. RAJASEKARIAH, B. N. DEB, M. P. JONES, K. R. DHAGE and S. BOSE	Response of pre-adult and adult stages of *Trichuris muris* to common anthelmintics in mice	697
Z. KYOSSEV, B. BERGMANN, E. OSSIKOVSKI and R. D. WALTER	*N*-Acetylglucosaminyltransferase from *Ascaris suum*	703
M. M. EL-NAGGAR, A. A. KHIDR and G. C. KEARN	Ultrastructural observations on the tegument and associated structures of the monogenean *Cichlidogyrus halli typicus* (Price & Kirk, 1967) Paperna, 1979	707
Research Notes		
S. L. IORIO, B. FRIED and D. W. HOSIER	Concurrent infections of *Echinostoma caproni* and *Echinostoma trivolvis* in ICR mice	715
S. WONGRATANACHEEWIN, M. F. GOOD, P. SITHITHAWORN and M. R. HASWELL-ELKINS	Molecular analysis of T and B cell repertoires in mice immunized with *Opisthorchis viverrini* antigens	719
W. L. TEOW, V. ZAMAN, G. C. NG, Y. C. CHAN, E. H. YAP, J. HOWE, P. GOPALAKRISHNAKONE and M. SINGH	A *Blastocystis* species from the sea-snake, *Lapemis hardwickii* (Serpentes: Hydrophiidae)	723
P. W. PAPPAS and G. M. DURKA	Purification, quantification and mechanical hatching of eggs of the tapeworm, *Hymenolepis diminuta*	727
P. KHAN, S. M. A. ABIDI, W. A. NIZAMI, M. IRSHADULLAH and M. AHMAD	Biochemical changes during the development of the miracidium of *Gigantocotyle explanatum*	731

W. Chaicumpa, Y. Ruangkunaporn, C. Nopparatana, M. Chongsa-nguan, P. Tapchaisri and P. Setasuban	Monoclonal antibody to a diagnostic M_r 24,000 antigen of *Gnathostoma spinigerum*	735
G. C. Kearn and I. D. Whittington	Swimming in a sub-adult monogenean of the genus *Entobdella*	739
M. Marco and A. Nieto	Metalloproteinases in the larvae of *Echinococcus granulosus*	743
E. A. Kerr and A. M. Gero	The toxicity of adenosine analogues against *Babesia bovis in vitro*	747
P. Zajíček	*Trypanosoma cf. carassii*: the combination of malic enzyme patterns supports the theory of diploidy in trypanosomes	753

Number 7 November 1991

	Instructions to Contributors	i
	Parasitological Calendar	757
R. I. Sommerville	Obituary: Laura Madeline Angel, 1908–1990	759

General Papers

C. M. Ndarathi	Suppressor and protector factors derived from *Trypanosoma lewisi*	763
J. H. Gill, J. M. Redwin, J. A. van Wyk and E. Lacey	Detection of resistance to ivermectin in *Haemonchus contortus*	771
M. Roberts	The parasites of the Polynesian rat within and beyond New Zealand	777
M. Roberts	The parasites of the Polynesian rat: biogeography and origins of the New Zealand parasite fauna	785
M. J. Banu, S. Dhandayuthapani and K. Nellaiappan	Intermediary carbohydrate metabolism in the adult filarial worm *Setaria digitata*	795
M. Hirata, M. Takushima, M. Kage and T. Fukuma	Experimental regulation of granulomatous reactions around *Schistosoma japonicum* eggs implanted into the liver of mice	801
D. J. Stenzel, P. F. L. Boreham and R. McDougall	Ultrastructure of *Blastocystis hominis* in human stool samples	807
P. F. Rolfe, J. C. Boray, P. Nichols and G. H. Collins	Epidemiology of paramphistomosis in cattle	813
J.-L. Justine	Cladistic study in the Monogenea (Platyhelminthes), based upon a parsimony analysis of spermiogenetic and spermatozoal ultrastructural characters	821

P. J. Sharp, D. R. J. Smith, W. Bach, B. M. Wagland and G. S. Cobon	Purified glutathione S-transferases from parasites as candidate protective antigens	839
M. J. Coyne, G. Smith and C. Johnstone	A study of the mortality and fecundity of *Haemonchus contortus* in sheep following experimental infections	847
M. V. K. Sukhdeo	The relationship between intestinal location and fecundity in adult *Trichinella spiralis*	855
Research Notes		
N. Chabaudie, C. Villejoubert and C. Boulard	The response of cattle vaccinated with hypodermin A to a natural infestation of *Hypoderma bovis* and *Hypoderma lineatum*	859
S. Muñoz, J. Venegas and A. Solari	Evidence of absence of *Trypanosoma cruzi* kinetoplast DNA methylation by restriction endonuclease analysis	863
F. H. M. Borgsteede	Further studies with a strain of *Ostertagia ostertagi* resistant to morantel tartrate	867
Book Review		
P. F. L. Boreham	*A History of Human Helminthology*. By D. I. Grove	871

Number 8 December 1991

	Instructions to Contributors	iii
	Parasitological Calendar	873
D. I. Gibson	Obituary: William Grant Inglis, 1928–1991	875
General Papers		
M. J. Coyne and G. Smith	The regulation of mortality and fecundity in *Schistosoma mattheei* following a single experimental infection in sheep	877
T. Bendixsen, D. L. Emery and T. L. W. Rothwell	The effect of specific immunization or infection with *Trichostrongylus colubriformis* on production of eosinophil differentiation factors in guinea pigs	883
K. Asano and K. Okamoto	Murine T cell clones specific for *Hymenolepis nana*: generation and functional analysis *in vivo* and *in vitro*	891
G. P. Brennan, R. E. B. Hanna and W. A. Nizami	Ultrastructural and histochemical observations on the tegument of *Gastrodiscoides hominis* (Paramphistoma: Digenea)	897
N. B. Chilton and C. M. Bull	A comparison of the reproductive parameters of females of two reptile tick species	907
N. I. Bughio, G. M. Faubert and R. K. Prichard	Identification of tubulin isoforms in different tissues of *Ascaris suum* using anti-tubulin monoclonal antibodies	913
B. Nare, J. M. Smith and R. K. Prichard	Oltipraz-induced decrease in the activity of cytosolic glutathione S-transferase in *Schistosoma mansoni*	919

G. J. Russell and E. Lacey	Temperature dependent binding of mebendazole to tubulin in benzimidazole-susceptible and -resistant strains of *Trichostrongylus colubriformis* and *Caenorhabditis elegans*	927
G. L. Stewart, J. Y. Niederkorn, R. R. Kennedy and E. Mayhew	Effect of acute versus chronic *Trichinella pseudospiralis* infections on systemic cell-mediated immunity	935
F. Roussel, G. De Carli and Ph. Brasseur	A cytopathic effect of *Trichomonas vaginalis* probably mediated by a mannose/*N*-acetyl-glucosamine binding lectin	941
G. R. Singleton, D. M. Spratt, S. C. Barker and P. F. Hodgson	The geographic distribution and host range of *Capillaria hepatica* (Bancroft)(Nematoda) in Australia	945
Research Notes		
C. C. Constantine, A. J. Lymbery, R. C. A. Thompson and D. L. Obendorf	The origin of a new focus of infection with *Echinococcus granulosus* in Tasmania	959
X. Hong and M. M. Wong	A cell-free culture system for development of large numbers of *Brugia pahangi* larvae	963
A. H. W. Mendis, A. Armson, R. C. A. Thompson and W. B. Grubb	The response of intact *Strongyloides ratti* infective (L3) larvae to substrates and inhibitors of respiratory electron transport	965
W. Chaicumpa, Y. Ruangkunaporn, T. Kalambaheti, S. Limavongpranee, V. Kitikoon, S. Khusmith, S. Pungpak, M. Chongsa-nguan and S. Sornmani	Specific monoclonal antibodies to *Opisthorchis viverrini*	969
J. Barrett	Toxicity of aldehyde products of lipid peroxidation to adult *Schistosoma intercalatum in vitro*	975
M. H. Kogut and L. Eirmann	The effect of cyclosporin A on the development of *Eimeria* in non-specific hosts	979
Book Review		
D. I. Gibson	*A Catalogue of Australasian Monotremes and Marsupials and their Recorded Helminth Parasites*. By D. M. Spratt, I. Beveridge and E. L. Walter	985
	Meeting Report	987
	Announcement	989
	Volume Contents, Author Index and Key Word Index for Volume 21, 1991	i